

SECTION 01560

TEMPORARY CONTROLS

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**To be used with projects that require a storm water pollution prevention (swppp) plan**

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PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Erosion and sediment control
- B. Water control
- C. Pollution control
- D. Debris control
- E. Dust control
- F. Rodent control
- G. Hazardous Waste
- H. Spill Prevention and Response

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**Include this reference in Section 01090, REFERENCE STANDARDS**

**United States Environmental Protection Agency (EPA) - National Pollutant Discharge Elimination System (NPDES) General Permit requirements. (Federal Register September 9, 1992) Vol-57, No. 175**

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1.2 SUBMITTALS

- A. Submit the following in accordance with the requirements of Sections 01300:
  - 1. Certifications
    - a. Submit Sequence Of Operations for implementation of the AE prepared Storm Water Pollution Prevention Plan to LANL 20 days prior to beginning of construction.
    - b. Submit NPDES General Permit Notice Of Intent (NOI) to LANL 20 days prior to beginning of construction.
    - c. Submit NPDES General Permit Notice Of Termination (NOT) to LANL when the site has been stabilized and all storm water discharges from construction activities that are authorized by the NPDES permit are eliminated.

PART 2 PRODUCTS

## PART 3 EXECUTION

### 3.1 Sequence Of Operation

- A. Prepare a written Sequence Of Operations for implementing all temporary pollution prevention and control measures as shown on the Drawings and in the Storm Water Pollution Prevention Plan.
- B. Where possible, make temporary erosion and sediment control measures compatible with permanent control measures.
- C. In portions of the site where construction activity has temporarily ceased, initiate temporary control measures as soon as practicable.

### 3.2 Erosion and Sediment Control

- A. Plan and execute construction, earthwork, and Best Management Practices (BMP's) in accordance with the Storm Water Pollution Prevention Plan to prevent erosion and sedimentation.

### 3.3 Water Control

- A. Provide methods to control surface water to prevent damage to the Project, the site, and adjoining areas as required in the Storm Water Pollution Prevention Plan.
  - 1. Control fill, grading, and ditching to direct surface drainage away from excavations, pits, tunnels, slopes, contaminated areas, and other construction areas. Direct drainage to flow lines shown in the Storm Water Pollution Prevention Plan
  - 2. Provide, operate and maintain temporary channels and/or hydraulic equipment of adequate capacity to control surface water as specified in the Storm Water Pollution Prevention Plan.
- B. Dispose of surface water in accordance with the Storm Water Pollution Prevention Plan.

### 3.4 Pollution Control

- A. Prevent contamination of soil and water in accordance with the Storm Water Pollution Prevention Plan.
- B. Restrict fuel, lubrication, chemical storage, and equipment maintenance to a designated area on-site as specified in the Storm Water Pollution Prevention Plan.

### 3.5 Debris Control

- A. Maintain areas under Contractor's control free of construction debris in accordance with the Storm Water Pollution Prevention Plan.
  - 1. Provide containers for deposit of debris.
  - 2. Prohibit uncovered and overloaded vehicles from transporting waste materials to prevent spillage on access and haul routes.
- B. Do not bury construction waste on-site.

- C. Do not burn construction waste on-site.
- 3.6 Dust control
- A. Treat exposed soil areas with water or otherwise keep dust free. Watering equipment may be used for dust pollution abatement. Use only approved water source(s) for dust control as specified in the Storm Water Pollution Prevention Plan.
- 3.7 Rodent Control
- A. Provide adequate means to prevent rodents from accessing premises.
  - B. Cap both ends of unattended installed and stored pipe to prevent blockage by nesting rodents.
  - C. Do not use rodenticide without the written approval of LANL.
- 3.8 Hazardous Waste
- A. Contain and dispose of hazardous wastes in accordance with the methods described in the Storm Water Pollution Prevention Plan.
- 3.9 Spill Prevention and Response
- A. Initiate spill prevention control measures in accordance with the Storm Water Pollution Prevention Plan.
- 3.10 Inspection and Maintenance
- A. Inspection Frequency
    - 1. Inspect the storm water control measures of the construction site at least once every 7 days (June through September at LANL) or within 24 hours of the end of a storm that is 0.5 Inches or greater. During the drier months (October through May) the routine frequency of inspection may be reduced to every 30 days.
  - B. Record Keeping and Reporting
    - 1. File monthly inspection reports with the Storm Water Pollution Prevention Plan and submit copies to the Construction Inspector monthly.
  - C. Maintenance
    - 1. Maintain storm water control measures in accordance with the maintenance procedures described in the Storm Water Pollution Prevention Plan.

END OF SECTION